

## Remarks

Claims 1 – 7 are now pending in the application and Claims 8 – 19 are withdrawn.

Applicant respectfully requests reconsideration of the rejection of claims 1- 7 as anticipated by JP2001181759. Applicant respectfully submits that JP2001181759 fails to disclose or suggest a copper-titanium alloy of the claimed composition with the claimed electrical and physical properties. While JP2001181759 indicates that Ti can be included, it fails to disclose a copper-titanium alloy that meets the requirements of the claims. The only specific copper-titanium alloy that applicants find in the translated specification is Example 7, which has a Ti content of just 0.1, below the minimum of the claimed range of 0.35. Furthermore, while Example 7 has a stated conductivity of 52%IACS, the translated specification indicates that this may be a calculated, rather than actual value. Furthermore, Example 7 has a stated yield strength of 678 N/mm<sup>2</sup> which according to applicant's calculations is 98.3 ksi, significantly below the required "at least 105 ksi". Thus applicants respectfully submit that JP2001181759 does not disclose a copper-titanium alloy that meets all of the requirements of claims 1-5, so the rejection of these claims should be withdrawn.

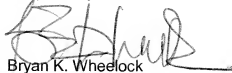
Applicant respectfully requests reconsideration of the rejection of claims 5 - 6 as unpatentable over JP09263864 or JP20002038246. Applicant respectfully submits that JP09263864 fails to disclose or suggest a copper-titanium alloy of the claimed composition with the claimed electrical and physical properties. While JP09263864 indicates that Ti can be included, it fails to disclose a copper-titanium alloy that meets the requirements of the claims. The only specific copper-titanium alloy that applicants find in the translated specification is Example 10, which has a Ti content of 0.86, which

is just above the low end of the claimed range of 0.35 to 5.0. While Example 10 has a stated conductive of 59% IACS, there is nothing to suggest that this also has the yield strength of "at least 105 ksi". Thus applicants respectfully submit that JP2001181759 does not disclose a copper-titanium alloy that meets all of the requirements of claims 1-5, so the rejection of these claims should be withdrawn.

#### **CONCLUSION**

It is believed that all of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicant therefore respectfully requests that the Examiner reconsider and withdraw all presently outstanding rejections. It is believed that a full and complete response has been made to the outstanding Office Action and the present application is in condition for allowance. Thus, prompt and favorable consideration of this amendment is respectfully requested. If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at (314) 726-7505.

Respectfully submitted,



Bryan K. Wheelock  
Reg. No. 31,441

Date: December 7, 2006

HARNES, DICKEY & PIERCE, P.L.C.  
7700 Bonhomme  
Suite 400  
St. Louis, Missouri 63105